

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

Takayuki Nishimura et al.

Application No.: 10/763,708

Filed: January 22, 2004

For: METHOD FOR REVERSIBLY  
TRANSFORMING DATA FORMAT,  
IMAGE PROCESSING APPARATUS,  
PROGRAM FOR REVERSIBLY  
TRANSFORMING DATA FORMAT,  
AND COMPUTER-READABLE  
RECORDING MEDIUM THEREOF

Examiner: To be assigned

Art Unit: 2672

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on January 10, 2005

Ines Francetic

Name of Person Mailing Correspondence

*Ines Francetic* 1/10/05  
Signature Date

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CROSS REFERENCE TO RELATED APPLICATIONS UNDER 37 C.F.R. § 1.78**

Sir or Madam:

Pursuant to 37 C.F.R. § 1.78, Applicants note that the above-identified patent application  
may be related to the following U.S. Patents and Patent Applications:

- (1) U.S. Patent Application No. 10/659,349, filed September 11, 2003;
- (2) U.S. Patent Application No. 10/641,049, filed August 15, 2003, entitled "IMAGE  
PROCESSING APPARATUS, IMAGE READING APPARATUS AND IMAGE  
FORMING APPARATUS;"
- (3) U.S. Patent Application No. 10/637,420, filed August 8, 2003, entitled "ROI  
SETTING METHOD AND APPARATUS, ELECTRONIC CAMERA  
APPARATUS, PROGRAM, AND RECORDING MEDIUM;"

- (4) U.S. Patent Application No. 10/657,219, filed September 5, 2003, entitled "IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, AND STORAGE MEDIUM;"
- (5) U.S. Patent Application No. 10/646,086, filed August 22, 2003, entitled "AN IMAGE-PROCESSING APPARATUS, AN IMAGE-PROCESSING METHOD, A PROGRAM, AND A MEMORY MEDIUM;"
- (6) U.S. Patent Application No. 10/646,754, filed August 25, 2003, entitled "IMAGE PROCESSING APPARATUS FOR COMPOSITING IMAGES;"
- (7) U.S. Patent Application No. 10/600,333, filed June 23, 2003, entitled "IMAGE DECODING TECHNIQUE FOR SUPPRESSING TILE BOUNDARY DISTORTION;"
- (8) U.S. Patent Application No. 10/623,558, filed July 22, 2003, entitled "IMAGE RECORDING APPARATUS AND IMAGE DATA SELECTION METHOD;"
- (9) U.S. Patent Application No. 10/461,399, filed June 16, 2003, entitled "CHARGING DEVICE, BODY TO BE CHARGED AND IMAGE FORMING APPARATUS USING THE SAME;"
- (10) U.S. Patent Application No. 10/463,599, filed June 18, 2003, entitled "DATA RECORDING MEDIUM, READING DEVICE, RECORDING DEVICE, AND METHODS THEREOF;"
- (11) U.S. Patent Application No. 10/390,193, filed March 14, 2003, entitled "IMAGE DATA GENERATION WITH REDUCED AMOUNT OF PROCESSING;"
- (12) U.S. Patent Application No. 10/390,263, filed March 14, 2003, entitled "IMAGE COMPRESSION DEVICE, IMAGE DECOMPRESSION DEVICE, IMAGE COMPRESSION/DECOMPRESSION DEVICE, PROGRAM FOR EXECUTING ON A COMPUTER TO PERFORM FUNCTIONS OF SUCH DEVICES, AND RECORDING MEDIUM STORING SUCH A PROGRAM;"
- (13) U.S. Patent Application No. 10/379,533, filed March 06, 2003, entitled "METHOD AND DEVICE FOR WRITING CONTROL AND IMAGE FORMING DEVICE;"
- (14) U.S. Patent Application No. 10/372,479, filed February 21, 2003, entitled "IMAGE DATA PROCESSING APPARATUS FOR AN IMAGE DATA PROCESSING METHOD OF PATTERN MATCHING;"

- (15) U.S. Patent Application No. 10/348,444, filed January 21, 2003, entitled "DATA CONVERSION APPARATUS FOR AND METHOD OF DATA CONVERSION FOR IMAGE PROCESSING;"
- (16) U.S. Patent Application No. 10/272,857, filed October 18, 2002, entitled "ENCODER AND ENCODING METHOD FOR ELECTRONIC WATERMARK, DECODER AND DECODING METHOD FOR ELECTRONIC WATERMARK, ENCODING AND DECODING PROGRAM FOR ELECTRONIC WATERMARK, AND RECORDING MEDIUM FOR RECORDING SUCH PROGRAM;"
- (17) U.S. Patent Application No. 10/283,350, filed October 30, 2002, entitled "IMAGE DATA PROCESSING DEVICE PROCESSING A PLURALITY OF SERIES OF DATA ITEMS SIMULTANEOUSLY IN PARALLEL;"
- (18) U.S. Patent Application No. 10/156,093, filed May 29, 2002, entitled "IMAGE COMPRESSION APPARATUS, IMAGE DECOMPRESSION APPARATUS, IMAGE COMPRESSION METHOD, IMAGE DECOMPRESSION METHOD, COMPUTER PROGRAM PRODUCT, AND RECORDING MEDIUM;"
- (19) U.S. Patent Application No. 10/164,545, filed June 10, 2002, entitled "IMAGE COMPRESSION METHOD AND APPARATUS, IMAGE EXPANSION METHOD AND APPARATUS, AND STORAGE MEDIUM;"
- (20) U.S. Patent Application No. 10/082,308, filed February 26, 2002, entitled "IMAGE PROCESSING SCHEME;"
- (21) U.S. Patent Application No. 10/102,633, filed March 22, 2002, entitled "IMAGE FORMATION UNIT AND IMAGE FORMATION APPARATUS;"
- (22) U.S. Patent No. 6,571,071, issued May 27, 2003, entitled "CONSUMPTION INFORMATION MANAGEMENT APPARATUS, IMAGE FORMATION APPARATUS, AND CONSUMPTION INFORMATION MANAGEMENT SYSTEM;"
- (23) U.S. Patent Application No. 09/964,584, filed September 28, 2001, entitled "IMAGE FORMING APPARATUS;"
- (24) U.S. Patent Application No. 09/962,580, filed September 26, 2001, entitled "IMAGE FORMING APPARATUS;"

- (25) U.S. Patent Application No. 09/940,589, filed August 29, 2001, entitled "IMAGE-READING DEVICE PERFORMING A WHITE-SHADING CORRECTION BY OBTAINING A PEAK VALUE OF AVERAGE VALUES OF IMAGE DATA AND READ FROM A REFERENCE-WHITE MEMBER IN BLOCKS AS WHITE-SHADING DATA;"
- (26) U.S. Patent Application No. 09/847,192, filed May 2, 2001, entitled "METHOD AND SYSTEM FOR SEE-THROUGH IMAGE CORRECTION IN IMAGE DUPLICATION;"
- (27) U.S. Patent Application No. 09/912,364, filed July 26, 2001, entitled "SYSTEM, METHOD AND COMPUTER ACCESSIBLE STORAGE MEDIUM FOR IMAGE PROCESSING;"
- (28) U.S. Patent Application No. 09/846,244, filed May 2, 2001, entitled "IMAGE FORMING APPARATUS;"
- (29) U.S. Patent Application No. 09/855,665, filed May 16, 2001, entitled "IMAGE DETECTING METHOD, IMAGE DETECTING SYSTEM, PROGRAM, AND RECORDING MEDIUM FOR IMAGE DETECTION;"
- (30) U.S. Patent Application No. 09/772,945, filed January 31, 2001, entitled "IMAGE PROCESSOR AND IMAGE PROCESSING METHOD;"
- (31) U.S. Patent Application No. 09/770,214, filed January 29, 2001, entitled "IMAGE PROCESSING APPARATUS;"
- (32) U.S. Patent Application No. 09/748,240, filed December 27, 2000, entitled "METHOD AND APPARATUS FOR IMAGE PROCESSING, AND A COMPUTER PRODUCT;"
- (33) U.S. Patent Application No. 09/748,262, filed December 27, 2000, entitled "METHOD AND APPARATUS FOR IMAGE PROCESSING METHOD, AND A COMPUTER PRODUCT;"
- (34) U.S. Patent Application No. 09/725,569, filed November 30, 2000, entitled "IMAGE PROCESSOR;"
- (35) U.S. Patent Application No. 09/735,649, filed December 14, 2000, entitled "METHOD AND APPARATUS FOR IMAGE PROCESSING, AND A COMPUTER PRODUCT;"

- (36) U.S. Patent Application No. 09/749,819, filed December 28, 2000, entitled "METHOD AND APPARATUS FOR IMAGE PROCESSING, AND A COMPUTER PRODUCT;"
- (37) U.S. Patent Application No. 09/801,843, filed March 9, 2001, entitled "SIMD TYPE PROCESSOR, METHOD AND APPARATUS FOR PARALLEL PROCESSING, DEVICES THAT USE THE SIMD TYPE PROCESSOR OR THE PARALLEL PROCESSING APPARATUS, METHOD AND APPARATUS FOR IMAGE PROCESSING, COMPUTER PRODUCT;"
- (38) U.S. Patent Application No. 09/693,987, filed October 23, 2000;
- (39) U.S. Patent Application No. 09/706,783, filed November 7, 2000;
- (40) U.S. Patent Application No. 09/654,050, filed September 1, 2000;
- (41) U.S. Patent No. 6,763,473, issued July 13, 2004, entitled "IMAGE PROCESSING DEVICE, METHOD FOR SAVING POWER CONSUMPTION OF THE IMAGE PROCESSING DEVICE, AND A COMPUTER PRODUCT;"
- (42) U.S. Patent Application No. 09/665,054, filed September 19, 2000;
- (43) U.S. Patent Application No. 09/705,836, filed November 6, 2000;
- (44) U.S. Patent Application No. 09/713,194, filed November 16, 2000;
- (45) U.S. Patent Application No. 09/664,832, filed September 19, 2000;
- (46) U.S. Patent Application No. 09/551,509, filed April 17, 2000;
- (47) U.S. Patent No. 6,788,811, issued September 7, 2004, entitled CODING APPARATUS, DECODING APPARATUS, CODING METHOD, DECODING METHOD, AND COMPUTER-READABLE RECORDING MEDIUM FOR EXECUTING THE METHODS;
- (48) U.S. Patent Application No. 10/308,117, filed December 3, 2002, entitled "IMAGE DATA ENCODING APPARATUS;"
- (49) U.S. Patent No. 6,507,674, issued January 14, 2003, entitled "IMAGE DATA ENCODING APPARATUS;"
- (50) U.S. Patent No. 6,265,997, issued July 24, 2001, entitled "ARITHMETIC-ENCODING DEVICE AND AN ARITHMETIC-DECODING DEVICE;"
- (51) U.S. Patent No. 6,519,052, issued February 11, 2003, entitled "IMAGE PROCESSING METHOD AND APPARATUS TO SELECT A DATA

COMPRESSION METHOD ACCORDING TO A SIZE OF AN OUTPUT IMAGE;”

- (52) U.S. Patent No. 6,556,707, filed April 29, 2003, entitled “METHOD AND APPARATUS FOR IMAGE PROCESSING FOR PERFORMING A COLOR CONVERSION;”
- (53) U.S. Patent No. 6,301,391, issued October 9, 2001, entitled “CODING APPARATUS;”
- (54) U.S. Patent Application No. 10/423,911, filed April 28, 2003, entitled “IMAGE PROCESSING SYSTEM FOR COMPRESSING IMAGE DATA INCLUDING BINARY IMAGE DATA AND CONTINUOUS TONE IMAGE DATA BY A SUB-BAND TRANSFORM METHOD WITH A HIGH-COMPRESSION RATE;”
- (55) U.S. Patent Application No. 10/175,838, filed June 21, 2002, entitled “IMAGE PROCESSING SYSTEM FOR COMPRESSING IMAGE DATA INCLUDING BINARY IMAGE DATA AND CONTINUOUS TONE IMAGE DATA BY A SUB-BAND TRANSFORM METHOD WITH A HIGH-COMPRESSION RATE;”
- (56) U.S. Patent No. 6,603,884, issued August 5, 2003, entitled “IMAGE PROCESSING SYSTEM FOR COMPRESSING IMAGE DATA INCLUDING BINARY IMAGE DATA AND CONTINUOUS TONE IMAGE DATA BY A SUB-BAND TRANSFORM METHOD WITH A HIGH-COMPRESSION RATE;”
- (57) U.S. Patent No. 6,459,816, issued October 1, 2002, entitled “IMAGE PROCESSING SYSTEM FOR COMPRESSING IMAGE DATA INCLUDING BINARY IMAGE DATA AND CONTINUOUS TONE IMAGE DATA BY A SUB-BAND TRANSFORM METHOD WITH A HIGH-COMPRESSION RATE;”
- (58) U.S. Patent No. 6,704,455, issued March 9, 2004, entitled IMAGE PROCESSING SYSTEM AND IMAGE PROCESSING METHOD;
- (59) U.S. Patent No. 6,137,595, issued October 24, 2000, entitled “COLOR CONVERSION PROCESSING METHOD FOR COLOR MATCHING AND A

- PROCESSOR READABLE MEDIUM STORING A PROGRAM FOR IMPLEMENTING THE COLOR CONVERSION PROCESSING METHOD;”
- (60) U.S. Patent No. 6,226,011, issued May 1, 2001, entitled “COLOR CONVERSION METHOD FOR A COLOR MATCHING, A METHOD FOR EXPANDING A FUNCTION OF A PROGRAM MODULE AND A COLOR CONVERSION METHOD USING THE METHOD FOR EXPANDING A FUNCTION OF A PROGRAM MODULE;”
  - (61) U.S. Patent No. 6,052,205, issued April 18, 2000, entitled “IMAGE DATA ENCODING/DECODING METHOD AND APPARATUS CONFIGURED TO COMPRESS BOTH NATURAL GRAY SCALE IMAGES AND BINARY IMAGES;”
  - (62) U.S. Patent No. 5,920,658, issued July 6, 1999, entitled “EFFICIENT IMAGE POSITION CORRECTION SYSTEM AND METHOD;”
  - (63) U.S. Patent No. 6,256,412, issued July 3, 2001, entitled “IMAGE RECOGNITION METHOD AND APPARATUS USING IMAGE ROTATION INFORMATION;”
  - (64) U.S. Patent No. 5,917,619, issued June 29, 1999, entitled “IMAGE FORMING APPARATUS;”
  - (65) U.S. Patent No. 6,181,820, issued January 30, 2001, entitled “IMAGE EXTRACTION METHOD AND APPARATUS AND IMAGE RECOGNITION METHOD AND APPARATUS FOR EXTRACTING/RECOGNIZING SPECIFIC IMAGES FROM INPUT IMAGE SIGNALS;”
  - (66) U.S. Patent No. 6,115,495, issued September 5, 2000, entitled “IMAGE EXTRACTION METHOD AND APPARATUS, AND IMAGE RECOGNITION METHOD AND APPARATUS FOR EXTRACTING/RECOGNIZING SPECIFIC IMAGES FROM INPUT IMAGE SIGNALS;”
  - (67) U.S. Patent Application No. 08/354,878, filed December 9, 1994, entitled “IMAGE EXTRACTION METHOD AND APPARATUS, AND IMAGE RECOGNITION METHOD AND APPARATUS, FOR EXTRACTING/RECOGNIZING SPECIFIC IMAGE FROM INPUT IMAGE SIGNAL,” now abandoned;

- (68) U.S. Patent No. 5,923,787, issued July 13, 1999, entitled "QUANTIZATION DEVICE AND METHOD, INVERSE-QUANTIZATION DEVICE AND METHOD, AND IMAGE PROCESSING DEVICE AND METHOD;"
- (69) U.S. Patent Application No. 08/308,281, filed September 16, 1994, entitled "QUANTIZATION DEVICE AND METHOD, INVERSE QUANTIZATION DEVICE AND METHOD, AND IMAGE PROCESSING DEVICE AND METHOD;"
- (70) U.S. Patent No. 5,557,797, issued September 17, 1996, entitled "SCHEDULING METHOD FOR AUTOMATICALLY DEVELOPING HARDWARE PATTERNS FOR INTEGRATED CIRCUITS;"
- (71) U.S. Patent Application No. 08/201,615, filed February 24, 1994, entitled "SCHEDULING METHOD FOR AUTOMATICALLY DEVELOPING HARDWARE PATTERNS FOR INTEGRATED CIRCUITS," now abandoned;
- (72) U.S. Patent No. 5,297,220, issued March 22, 1994, entitled "IMAGE PROCESSING SYSTEM FOR IMAGE COMPRESSION AND DECOMPRESSION;"
- (73) U.S. Patent No. 5,406,282, issued April 11, 1995, entitled "DATA CODING AND DECODING WITH IMPROVED EFFICIENCY;"
- (74) U.S. Patent No. 5,673,340, issued September 30, 1997, entitled "IMAGE PROCESSING APPARATUS FOR PREVENTING OCCURRENCE OF MOIRE IN A RECONSTRUCTED IMAGE;"
- (75) U.S. Patent Application No. 08/236,024, filed May 2, 1994, entitled "IMAGE PROCESSING APPARATUS FOR PREVENTING OCCURRENCE OF MOIRE IN A RECONSTRUCTED IMAGE, now abandoned;
- (76) U.S. Patent No. 5,333,211, issued July 26, 1994, entitled "IMAGE PROCESSING APPARATUS FOR PREVENTING OCCURRENCE OF MOIRE IN A RECONSTRUCTED IMAGE;"
- (77) U.S. Patent No. 5,321,521, issued June 14, 1994, entitled "IMAGE DATA COMPRESSION TRANSMISSION METHOD UTILIZING A SYNCHRONIZATION CODE;"
- (78) U.S. Patent Application No. 07/507,145, filed April 10, 1990; and



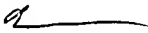
(79) U.S. Patent No. 4,860,214, issued August 22, 1989, entitled "INFERENCE SYSTEM;"

Please charge any shortages and credit any overcharges to our Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

Dated: 1/10, 2005

  
\_\_\_\_\_  
Michael J. Mallie  
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Registration No. 36,591

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

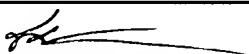
Application No. 10/763,708  
Filing Date January 22, 2004  
First Named Inventor Takayuki Nishimura  
Art Unit 2672  
Examiner Name To be assigned  
Attorney Docket Number 6453P033

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## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div>Return Receipt Postcard, Cross Reference to Related Applications</div>
<div>Remarks</div>		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Michael J. Mallie, Reg. No. 36,591 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	January 10, 2005

## CERTIFICATE OF MAILING/TRANSMISSION

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